## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|--|---------------------|---------|---------------------|
| L29   | 1    | ("20040267310").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR                  | OFF     | 2009/09/23<br>17:08 |
| L28   | 14   | 27 and @ad<"20020425"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:57 |
| L27   | 44   | (annular with stapler) and (linear with stapler)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:57 |
| L26   | 197  | 25 and ("606".clas. or<br>"227".clas.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:56 |
| L25   | 227  | 24 and @ad<"20020425"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:55 |
| L24   | 540  | stapler and annular and<br>linear  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:55 |
| L23   | 7    | 22 and annular   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/09/23<br>16:54 |
| L22   | 25   | (US-20080167736-\$ or US-200801677672-\$ or US-200801677672-\$ or US-2008016776722-\$ or US-200801677622-\$ or US-20050131390-\$ or US-20040072385-\$ or US-20040072385-\$ or US-200400236352-\$), did. or (US-5855583-\$ or US-5350355-\$ or US-5161724-\$ or US-6425901-\$ or US-5350355-\$ or US-5161724-\$ or US-6425901-\$ or US-5380938-\$ or US-5667517-\$ or US-5380938-\$ or US-5713896-\$ or US-5713896-\$ or US-5972199-\$ or US-698384-\$), did. or (WO-03090630-\$), did. | US-ACTUB;<br>USPAT;<br>DERWENT           | OR                  | OFF     | 2009/09/23<br>16:54 |

| .8 18  | ("20010020166"  <br>"20040267310"  <br>"4508253"   "5395033"  <br>"5722989"   "5865361"  <br>"5915616"   "5964394"  <br>"6022849"   "6045560"  <br>"602242"   "6127811"  <br>"6221023"   "6231565"  <br>"6241139"   "6288534"  <br>"6330965"   "6716233").   | US-PGPUB;<br>USPAT        | OR | OFF | 2009/09/23<br>16:50 |
|--------|--|---------------------------|----|-----|---------------------|
| L7 263 | [71881250" "3079606" "3193165" "3256875" "3388847" "3490675" "3494533" "3552626" "3568659" "3618842" "3662399" "361842" "3858577" "385986" "3618842" "4085765" "4198960" "4198962" "4207898" "4207898" "4207898" "4207898" "4207898" "4207898" "4207898" "4207898" "4207811" "4298133" "4304236" "4310115" "4319576" "439453" "4304236" "4314599" "437457" "4446892" "4445907" "4475097" "4476863" "4473077" "4476863" "4473077" "4478683" "4487270" "4478681" "4478077" "4478683" "44898412" "4496498" "4459898" "4559828" "4598968" "4559828" "4598968" "4559828" "4605031" "4605031" "4605031" "4605031" "460563" "4605031" "460563" "460563" "460563" "4605673" "4605031" "4605633" "46074515" "4695667" "4707033" "4708038" "4708039" "4708039" "4708039" "4708039" "4708049" "4776506" "4771176" "47742815" "4752024" "4765409" "476509 | US-PGPUB;<br>USPAT; USCOR | OR | OFF | 2009/09/23<br>16:49 |

| 4817847" "4819632"   48871599" "4890602"   4887599" "4890602"   4893622" "4903697"   4893622" "4903697"   4897591" "4907973"   4917114" "4928699"   4930494" "4938645"   495882" "4957499"   495882" "4957499"   495882" "4957499"   494962677" "4976688   4976710" "4982726"   4994060" "499577"   55059203" "55014025"   55059203" "55014025"   55133729" "5139731"   55139729" "5139731"   5139292" "5139731"   5139292" "5139731"   5139292" "5139731"   5139292" "51397649"   5207697" "5237884"   5249583" "5207691"   5267697" "5237884"   5249583" "5261877"   5267997"   5268081" "526822"   5271543"   5271543"   5275322" "5271544"   5275322"   5275432"   5285455"   538561"   538561"   5435611"   543626"   55866751"   55862673"   55866751"   5779335"   5586255"   5586751"   5586255"   55868760"   55866953"   5586760"   55866953"   5586760"   55860953"   5586760"   55860953"   5586760"   55860953"   5586760"   55860953"   5607541"   560754 |
|--|
| "4867158" "4873977" "4887599" "4890002" "4892644" "4893613" "4893622" "4903697" "4907591" "4907591" "4907591" "4907931" "4930494" "4936845" "4955882" "4957499" "4962877" "4976888" "498276" "4982766"   |
| "4887599" "4890602"<br>"4892244" "4893613"<br>"4893622" "4903697"<br>"4907591" "4907973"<br>"4917114"   "4928699"<br>"4930494"   "4936845"<br>"4955882"   "4957499"<br>"4962877"   "4976888"<br>"496279"   "4982766"   |
| "4893244"   "4893613"  <br>"4893622"   "4903697"  <br>"4907591"   "4907973"  <br>"4917114"   "4928699"  <br>"4930494"   "4936845"  <br>"4955882"   "4957499"  <br>"4962877"   "4976688"  <br>"4976710"   "4982726"   |
| "4903622"   "4903697"   "4907591"   "4907973"   "4917114"   "4928699"   "4930494"   "4936845"   "4955882"   "4957499"   "4962877"   "4976688"   "4976710"   "4982726"  |
| "4907591"   "4907973"  <br>"4917114"   "4928699"  <br>"4930494"   "4936845"  <br>"4955882"   "4957499"  <br>"4962877"   "4976688"  <br>"4976710"   "4982726"   |
| "4917114"   "4928699"  <br>"4930494"   "4936845"  <br>"4955882"   "4957499"  <br>"4962877"   "4976688"  <br>"4976710"   "4982726"  |
| "4930494"   "4936845"  <br>"4955882"   "4957499"  <br>"4962877"   "4976688"  <br>"4976710"   "4982726"   |
| "4955882"   "4957499"  <br>"4962877"   "4976688"  <br>"4976710"   "4982726"  |
| "4962877"   "4976688"  <br>"4976710"   "4982726"   |
| "4976710"   "4982726"  |
|  |
| "4994060"   "4995877"  |
| "5005749"   "5040715"  |
| "5059203"   "5071430"  |
| "5077506"   "5104025"  |
| "5133359"   "5133713"  |
| "5133729"   "5139513"  |
| "5170925").PN. OR  |
| ("5171247"   "5171251"   |
| "5192292"   "5197649"  |
| "5201325"   "5201750"  |
| "5205459"   "5207691"  |
| "5207697"   "5237884"  |
| "5249583"   "5258007"  |
| "5258008"   "5261877"  |
| "5267997"   "5268622"  <br>"5271543"   "5271544"   |
| "5271543"   "5271544"  <br>"5275322"   "5279565"   |
| "5275322"   "5279565"  <br>"5285945"   "5289963"   |
| "5285945"   "5289963"  <br>"5290299"   "5292053"   |
| "5290299"   "5292053"  <br>"5312023"   "5318221"   |
| "5312023"   "5318221"  <br>"5326013"   "5330486"   |
| "5333773"   "5342299"  |
| "5350104"   "5354266"  |
| "5383880"   "5395030"  |
| "5395033"   "5403312"  |
| "5403327"   "5411508"  |
| "5413267"   "5425738"  |
| "5433721"   "5437636"  |
| "5441507"   "5460182"  |
| "5467911"   "5482197"  |
| "5485947"   "5496269"  |
| "5518163"   "5518164"  |
| "5531687" i "5533661" i  |
| "5562702"   "5582611"  |
| "5599347"   "5653374"  |
| "5662673"   "5667517"  |
| "5735861"   "5749893"  |
| "5779130"   "5782396"  |
| "5797835"   "5797944"  |
| "5846221"   "5857996"  |
| "5860953"   "5868760"  |
| "5925055"   "5954259"  |
| "5976156"   "5984919"  |
| "5989274"   "5993378"  |
| "6007531"   "6010493"  |
| "6017322"   "6074402"  |

|      |       | "6086600"   "6099466"  <br>"6119913"   "6126058"  <br>"6126591"   "D357535").<br>PN. OR ("6716233").URPN.  |  |    |     |                     |
|------|-------|--|--|----|-----|---------------------|
| L6   | 1     | ("6716233").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/23<br>16:49 |
| L5   | 0     | 3 and 4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/23<br>16:31 |
| L4   | 1     | ("5518163").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/23<br>16:31 |
| L3   | 336   | ("20010020166"   "20040267310"   "4508253"   "5395033"   "5722989"   "5865361"   "5915616"   "5964394"   "6032849"   "6045560"   "60328422"   "6127811"   "6221023"   "6231565"   "6241139"   "6285534"   "6330965"   "6716233"). [PN. | US-POPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/23<br>16:31 |
| L2   | 1     | ("5518163").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/23<br>16:23 |
| L1   | 1     | ("20040236352").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/23<br>16:14 |
| S117 | 23    | S113 and (S114 S115<br>S116)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/18<br>15:47 |
| S116 | 549   | (227/175.1).OOLS.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>15:47 |
| S115 | 992   | (606/142-143).OOLS.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>15:47 |
| S114 | 1564  | (606/139).CCLS.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>15:47 |
| S113 | 3913  | S111 and<br>@ad< "20020425"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/18<br>15:46 |
| S112 | 46    | S109 and<br>@ad< "20020425"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/18<br>15:46 |
| S111 | 10017 | handle with (MEMS or<br>(micro-electromechanical)<br>or (micro adj<br>electromechanical) or<br>(micro adj electro adj<br>imechanical) or sensor\$1)  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/18<br>15:46 |

| S110 | 23   | \$109 and (MEMS or (micro-<br>electromechanical) or<br>(micro adj<br>electromechanical) or<br>(micro adj electro adj<br>mechanical) or sensor\$1)  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/18<br>15:01 |
|------|------|--|--|----|-----|---------------------|
| S109 | 46   | S108 and<br>@ad< "20020425"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/18<br>15:01 |
| S108 | 98   | ("3662939"   "4402311"   "4403890"   "4487270"   "4493549"   "4534420"   "4606343"   "4574515"   "4705038"   "4792156"   "4785469"   "47920602"   "4893613"   "4890602"   "4893613"   "4897973"   "4958699"   "4930494"   "4955828"   "4982726"   "5077506"   "5171247"   "5717251"   "5197649"   "5201325"   "5207691"   "5201325"   "5207691"   PN. OR ("5518163").UFPN. | US POPUB;<br>USPAT; USOOR                | OR | OFF | 2009/09/18          |
| S107 | 1    | ("5518163").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>14:52 |
| S106 | 1    | ("5518163").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>11:50 |
| S105 | 1    | ("6972199").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/18<br>11:27 |
| S104 | 20   | S103 and<br>@ad<"20020425"   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>14:44 |
| S103 | 73   | S97 and sensor\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:44 |
| S102 | 1    | S84 and S99  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:44 |
| S101 | 1    | S84 and S97  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:43 |
| S100 | 0    | S93 and S99  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:43 |
| S99  | 1432 | (227/175.1-182.1).OOLS.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>14:43 |
| S98  | 0    | S93 and S97  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:43 |
| S97  | 543  | (227/175.1).CCLS.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>14:42 |

| S96         | 1     | S84 and S95  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:37 |
|-------------|-------|--|--|----|-----|---------------------|
| S95         | 1     | ("6969384").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>14:36 |
| S94         | 56    | S93 and @ad< "20020425"  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>14:19 |
| S93         | 290   | (MEMS or (micro-<br>electromechanical) or<br>(micro adj<br>electromechanical) or<br>(micro adj electro adj<br>mechanical)) with handle | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>14:19 |
| S92         | 1     | S84 and S91  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>14:02 |
| S91         | 1     | ("6494882").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>13:56 |
| S90         | 6     | S89 and @ad< "20020425"  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:48 |
| S89         | 55    | S85 and forcep\$1  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:48 |
| S88         | 1     | S85 and stapler  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:47 |
| S87         | 6     | S86 and @ad< "20020425"  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:46 |
| S86         | 70    | S85 and "606".clas.  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:46 |
| S85         | 9824  | S84 and (acceleration or accelerometer\$1)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:46 |
| S84         | 46744 | MEMS or (micro-<br>electromechanical) or<br>(micro adj<br>electromechanical) or<br>(micro adj electro adj<br>mechanical)               | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/16<br>13:45 |
| <b>S8</b> 3 | 1     | ("6059799").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>13:38 |
| S82         | 1     | ("5915616").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>13:36 |
| S81         | 3     | S78 and sensor\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:33 |
| S80         | 3     | S78 and sens\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:33 |
| S79         | 0     | S78 and pressure   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:33 |

| S78         | 3    | (("5865361") or<br>("6330965") or<br>("6241139")).PN.                       | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>13:33 |
|-------------|------|---|--|----|-----|---------------------|
| S77         | 0    | S74 and pressure  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:28 |
| S76         | 0    | S74 and sens\$3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:28 |
| S75         | 0    | S74 and sensor\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/09/16<br>13:28 |
| S74         | 3    | (("6045560") or<br>("6032849") or<br>("5964394")).PN.                       | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/16<br>13:27 |
| S73         | 1    | ("5964394").PN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/14<br>15:44 |
| S72         | 1    | ("20050131390").PN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/14<br>15:38 |
| S71         | 4    | (("6127811") or<br>("6288534") or<br>("6092422") or<br>("20010020166")).PN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/14<br>15:09 |
| S70         | 7    | S69 and @ad< "20030425"   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>15:05 |
| S69         | 24   | S68 and S59   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>15:05 |
| S68         | 660  | (438/5).OOLS.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/14<br>15:05 |
| S67         | 53   | S65 not S66   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:58 |
| S66         | 15   | S65 and (stapl\$3 or forcep<br>\$1)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:56 |
| S65         | 68   | S64 and @ad< "20030425"   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:55 |
| S64         | 282  | S59 and "606".clas.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:55 |
| <b>S</b> 63 | 1    | ("6972199").PN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/09/14<br>14:53 |
| S62         | 6    | S61 and @ad< "20030425"   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:52 |
| S61         | 50   | S60 and "606".clas.   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:52 |
| S60         | 7311 | S59 and acceleration  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/09/14<br>14:51 |

| S59 | 46686 | MEMS or (micro-<br>electromechanical) or<br>(micro adj<br>electromechanical) or<br>(micro adj electro adj<br>mechanical)   | US-PGPUB;<br>USPAT | OR | OFF | 2009/09/14<br>14:51 |
|-----|-------|--|--------------------|----|-----|---------------------|
| S58 | 1     | S56 and mem\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2009/09/14<br>14:50 |
| S56 | 18    | (*2001/1020166"  <br>"20040267310"  <br>"4508253"   "5995033"  <br>"5722898"   "5964394"  <br>"5915616"   "5964394"  <br>"6032849"   "6045560"  <br>"6029422"   "6127311"  <br>"6221023"   "6231565"  <br>"6241139"   "628534"  <br>"6339965"   "6716233").<br>PN. | US-PGPUB;<br>USPAT | OR | OFF | 2009/09/14<br>14:49 |

## EAST Search History (Interference)

## 9/23/2009 5:15:53 PM

C:\ Documents and Settings\ kdowe\ My Documents\ EAST\ Workspaces\ 10 510 940 - MEMS device stapler.wsp

<sup>&</sup>lt; This search history is empty>